



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 15] नई विल्हमी, शनिवार, अप्रैल 12, 1980 (चैत्र 23, 1902)

No. 15] NEW DELHI, SATURDAY, APRIL 12, 1980 (CHAITRA 23, 1902)

इस भाग में भिन्न पृष्ठ संख्या वी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बंधित अधिसूचनाएँ और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE

#### PATENTS AND DESIGNS

Calcutta, the 12th April 1980

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

5th March, 1980

253/Cal/80.—Union Carbide India Limited. A novel slide lock switch.

254/Cal/80. Dana Corporation. Center bearing bracket.

255/Cal/80. Hoechst Aktiengesellschaft. Electrolysis apparatus.

256/Cal/80. Cummins Engine Company, Inc. Electro-optical target for an optical alignment system.

257/Cal/80. Subrata Kumar Ghosh. An amphibian vehicle.

258/Cal/80. Combustion Engineering, Inc. Scrubber bypass system.

259/Cal/80. Licentia Patent-Verwaltungs-GMBH. Autopneumatic gas-blast switch.

260/Cal/80. E. I. DU Pont de Nemours and Company. Insecticidal carbamoyl sulfides.

6th March, 1980

261/Cal/80. Omnium Financier Aquitaine Pour L'Hygiène ET LA Sante (Sanofi). Improvements in or relating to preparation of esters. (March 6, 1979).

1—17GI/80

262/Cal/80. Societe DE Paris ET DU Rhone. Improvements in actuators for electric starters.

263/Cal/80. The Upjohn Company, R. W. Baker and J. W. Ayres. Controlled drug delivery device.

264/Cal/80. K. H. Nyfeldt and K. Y. T. Bernhardsson. Floating fence for the collection of liquid impurities as for example oil on a water surface.

265/Cal/80. N. F. Kuzmin, (2) L. A. Sukhanov, (3) V. P. Loshkarev, (4) G. K. Sapunov and V. Z. Pekne. Directly cooled field coil.

266/Cal/80. Gosudorstvenny Nauchno-Issledovatel'sky I Proektny Institut Redkometallicheskoi Promyshlennosti "Giredmet" and Pavlodarsky Aluminiiev Zavod Imeni 50 Letia SSSR. Process for purifying low-melting metals from impurities.

7th March, 1980

267/Cal/80. Chitta Ranjan Mukherjee. Improved electrical motor.

268/Cal/80. Chloride Group Limited. Electric batteries for use with miner's cap lamps. (March 7, 1979).

269/Cal/80. Chloride Group Limited. Electric batteries. (March 7, 1979).

270/Cal/80. Chloride Group Limited. Lead acid electric storage batteries. (March 7, 1979).

271/Cal/80. Dobson Park Industries Limited. Mine-roof supports. (March 9, 1979).

272/Cal/80. Amitava Ghosh Dastidar. New Device for reducing hydrostatic pressure.

273/Cal/80. Mitsubishi Gas Chemical Company, Inc. Sodium hydrosulfite composition.

10th March, 1980

274/Cal/80. Societe Miniere ET Metallurgique DE Penarroya, S.A. New lead additive and process for obtaining it.

275/Cal/80. Graf & Cie. A.-G. Card support for carding layer.

276/Cal/80. VTM Handel Wybranietz GMBH & Co. A container.

277/Cal/80. VTM Handel Wybranietz GMBH & Co. A container.

278/Cal/80. J. W. Hicks, Jr. Coupled communications fibers.

279/Cal/80. Regal Tool & Rubber Co., Inc. Offshore bumper system and method of manufacturing.

11th March, 1980

280/Cal/80. Siemens Aktiengesellschaft. Device for remote operation of pushbutton.

281/Cal/80. Siemens Aktiengesellschaft. Thermally responsive protective relay.

282/Cal/80. SANAC Societa per Azioni Refrattari Argille Caolini. Improved method for producing an encapsulated brick particularly suitable for slide dischargers for ladles, tundishes and the like.

12th March, 1980

283/Cal/80. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Equipment for cooling and scavenging the axial seal for the impeller of water pumps.

#### APPLICATIONS FOR PATENTS AT THE (DELHI BRANCH)

1st February, 1980

70/DEL/80. Kurundamannil Abraham Jacob and Dr. Sital Prasad Manik, "A Fastening Assembly for Securing the Rail to the Steel Through Sleeper."

71/DEL/80. Dr. Ravindra Kumar Srivastava, "A new method for producing tube wells with explosive."

2nd February, 1980

72/DEL/80. Bayer Aktiengesellschaft. "Process for the preparation of 4, 5-Dinitro-1, 8-Dihydroxy-Anthraquinone."

73/DEL/80. Chloride Silent Power Limited. "Cathode Electrode Structures for Sodium Sulphur Cells and their Manufacture." (February 13, 1979).

4th February, 1980

74/DEL/80. Fateh Singh Chauhan, "Recovery of heat and removal of fly ash & Sulphur di-oxide from the flue gases in a Thermal Power Plant."

75/DEL/80. Cecil Francis Langner and June Bessie Langner, "Switched Electrical Connector." (February 9, 1979 & March 21, 1979).

76/DEL/80. Internationella Siporex AB, "A method in the manufacture of Steam-Cured Light-Weight Aerated Concrete with Hydrophobic Properties."

77/DEL/80. Ball Corporation, "Slotted Cavity Antenna."

78/DEL/80. Inder Singh, "All-round self-revolving Electric Fan" (Pedestal or Table Models).

5th February, 1980

79/DEL/80. Mobil Tyco Solar Energy Corporation, "Belt-Roller Crystal Pulling Mechanism."

80/DEL/80. Ashland Oil, INC., "Copper Chromite Catalyst and its use in preparation of Furfuryl Alcohol from Furfural by Batch or Liquid Phase Process."

81/DEL/80. Uniroyal Limited, "Roll Processing Apparatus." (February 9, 1979).

6th February, 1980

82/DEL/80. Ishar Dass Mahajan & Sons, "Improvements in or Relating to Cricket Bats".

83/DEL/80. Vikramjit Singh, "A Musical Instrument."

84/DEL/80. Ishar Dass Mahajan & Sons, "A Sports Article."

85/DEL/80. The Director, All India Institute of Medical Science, "A Nasal Filter."

86/DEL/80. Associated Engineering Italy S.p.A., "Pistons and Cylinder Liners." (February 7, 1979 & November 13, 1979).

87/DEL/80. Waggonfabrik Uerdingen A.G., "A Wheel Especially for Rail Road Vehicles."

88/DEL/80. Delle-Alsthom, "Earthquake Protector."

7th February, 1980

89/DEL/80. John D. Hollingsworth on Wheels, INC., "Carding Apparatus Drive and Operating Method."

90/DEL/80. Yogesh Chander Wadhera, Smt. Namita Gupta, Smt. Achla Mahajan, "Improvements in or relating to sheets to be used for manufacturing inflatable balls for games."

#### APPLICATIONS FOR PATENTS FILED AT THE (BOMBAY BRANCH)

15th February, 1980

28/BOM/80. Suresh Ganesh Bagul, Water Measuring Device for open channel.

18th February, 1980

29/BOM/80. Ahmedabad Textile Industry's Research Association, Shuttle propelling system for travelling wave shedding looms.

30/BOM/80. (1) Madhav Vishnu Shiddhaye (2) (Mrs.) Shamala Madhav Shiddhaye, A device for lifting flat or nearly flat objects.

31/BOM/80. Ramachandra Bandu Sawant, Improved Threshing Machine.

19th February, 1980

32/BOM/80. John Denis Pennington, Improvements in and relating to non-metallic Bearing and retarding materials. (20th February, 1979).

20th February, 1980

33/BOM/80. Riaz Abid Kaggalwala, Improvements in or relating to ballasts for mercury vapour lamps.

21st February, 1980

34/BOM/80. Grindwell Norton Limited, A Novel Method for beneficiation of Magnetic Tailings.

35/BOM/80. Kirlosakr Oil Engines Limited, An Improved inlet manifold for use in a compression ignition combustion engine operating on bi-fuel.

23rd February, 1980

36/BOM/1980. Susana Ferreira de Souza & Ronald Valter Igel, 'Miniature power control device in standard switch format.'

25th February, 1980

37/BOM/80. Kirloskar Engineering Private Limited, 'Hydraulic traction bed'.

26th February, 1980

- 38/BOM/1980 Chamanlal Jagannath Shishoo, Muljibhai Bhimjibhai Devani, Vishweshwar Shyram Bhadti and Ahemedabad Education Society. 'Process for the manufacture of pharmacologically active new heterocyclic compounds and salts thereof.'

27th February, 1980

- 39/BOM/1980. Mayoor Chinubhai Gandhi. An orthopedic belt with magnets.

- 40/BOM/1980. Panchal Kantilal Prabhudas, Panchal Ashvin-kumar Somebhai 'A system of generating time pulses from highly stable quartz crystal controlled oscillator and driving the special clock mechanism through specially designed electromechanical interface.'

28th February, 1980

- 41/BOM/1980. Anthony Mathias Dias. Improvements connected with hydraulic jacks and the like lifting and tipping machines.

- 42/BOM/1980. Anthony Mathias Dias. An improved hydraulic jack.

- 43/BOM/1980. Vinodkumar Viswanath Hukerikar. 'Noiseless wrist watch alarm.'

- 44/BOM/1980. Ali Hyderali Haideri. 'A strapping device for strapping nylon/plastic straps to boxes and similar packages.'

29th February, 1980

- 45/BOM/1980. Shrikant Waman Patwardhan. 'Improvement in or relating to detonators'.

- 46/BOM/1980. Ion Exchange (India) Limited. 'Process for the preparation of insoluble cross-linked polymer containing-COOH groups.'

- 47/BOM/1980. Ion Exchange (India) Limited. 'Process for the preparation of fine particulate cross-linked potassium poly-carboxylic acid exchanger'.

3rd March, 1980

- 48/BOM/80. Indian Petrochemicals Corporation Limited. Improved process for the manufacture of methyl and ethyl esters of acrylic acid from acrylonitrile.

5th March, 1980

- 49/BOM/80. Shanta Bhakar Bhatambrekar. An Attachment for continuous playing of tanpura (Tambora).

- 50/BOM/80. Arun Bhaskar Gangal. Roasting mill for roasting food grains/seeds.

#### APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

25th February, 1980

- 39/MAS/80. T. R. Vishvanathan, J. Bennett, V. Shanmugam and S. Balasubramaniam. A process for preparing a fertilizer composition by urea melt granulation and fertilizers prepared thereby.

- 40/MAS/80. T. R. Vishvanathan, J. Bennett, V. Shanmugam and S. Balasubramaniam. A process for preparing a fertilizer composition by urea melt granulation and fertilizers prepared thereby.

28th February, 1980

- 41/MAS/80. T. Seshagiri. A Balance.

29th February, 1980

- 42/MAS/80. John Texara. An alarm for the use in automobile and the like.

5th March, 1980

- 43/MAS/80. Lucas Industries Limited. Improvements in Drum Brake Adjusters. (March 8, 1979).

- 44/MAS/80. Lucas Industries Limited. Improvements relating to wear warning indicators for friction brakes. (March 5, 1979).

6th March, 1980

- 45/MAS/80. S. C. Pillai. A process for the recovery of sandal oil or the like essential oils from the distillate waste water.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLAS 6B &amp; 130G &amp; 136E &amp; 141A.

147557.

Int. Cl.-B01j 2/06.

#### METHOD FOR THE TREATMENT OF SLUDGE RESULTING FROM THE WET-WASHING OF DUST-LADEN EXHAUST GASES OF COVERED ELECTRIC SMELTING FURNACES.

*Applicant : ELKEM-SPIGERVERKET A/S OF ELKEM-HUSET, MIDDEL THUNSGATE 27, OSLO 3, NORWAY.*

*Inventor : HARALD KROGSRUD.*

*Application No. 552/Cal/77 filed April 12, 1977.*

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A method for the treatment of sludge resulting from the wet-washing of dust laden exhaust gases of covered electric smelting furnaces in order to remove poisonous substances contained in the sludge, which comprises wet washing the said dust laden exhaust gases, precipitating in any known way the dust as sludge from the wash liquid, supplying the wet sludge directly to a rotary kiln and raising the temperature of the charged rotating kiln to the range 800°C—1400°C whereby cyanides and phenols present in the sludge are destroyed and the sludge is agglomerated to pellets.

Compy. Specn. 6 Pages.

Drgs. Nil.

CLASS 190A.

147558.

Int. Cl.-F01k 23/00.

#### IMPROVEMENTS IN A COMBINED GAS TURBINE AND STEAM POWER PLANT.

*Applicant : KRAFTWERK UNION AKTIENGESELLSCHAFT, 433 MULHEIM (RUHR), WIESENSTR. 36, FEDERAL REPUBLIC OF GERMANY.*

CLASS 64B. 147566.

Int. Cl.-H01r 11/00.

ELECTRICAL CONNECTOR FOR TERMINATING ALUMINIUM ELECTRICAL L.T. CABLES.

*Applicant & Inventor :* SMT. BALASUBRAMANIAM VIJAYALAKSHMI, 70, G.N.T. ROAD, POLAL, MADRAS-600066, TAMIL NADU.

Application No. 47/Mas/78 filed March 31, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

1 Claim.

An electrical connector for terminating aluminium electrical L.T. cables, comprising a two component aluminium clamp, the first component being formed of a flat appendage, having a hole for fixing the said clamp on the distribution transformer or the like; the flat appendage further being extended vertically to form a vertical member of the said clamp; the said vertical member having longitudinally running half circular groove and in addition a through hole at the top of the vertical member; the second component also having a longitudinally running half circular groove and a hole at the top of the said second component, the said second component having a projection to slide on a groove at the lower side of the first component, such that when the first and second components are brought together, there is formed a circular passage for cable and the said cable is securely held by tightening a nut on a bolt passing through the said holes provided at the top of the first and second components.

(Com.—5 pages; Drwgs.—1 sheet)

Class 23B, 99F, 143D<sub>2</sub>, 155D. 147567.

Int. Cl.-B65d 81/00.

A SHEET OF BOARD MATERIAL FOR MOISTURE RESISTANT PACKAGING.

*Applicants :* HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY-400020.

*Inventor :* SAMARESH CHAKRABORTI.

Application No. 360/Bom/76 filed 19th October 1976.

Complete Specification left on 2nd Nov. 1977.

Appropriate office for opposition proceedings (Rule 4, the Patents Rules, 1972) Patent Office, Bombay Branch.

(7 Claims)

A sheet of board material, particularly to form cartons for packaging moisture sensitive materials such as detergent power comprising.

A first layer of board material to form a facing layer; a second layer of Kraft paper which is corrugated and attached to the first layer; and

a third layer of board material which is attached to the second layer, either the first or the third layer being a laminate of two sheets of board material with thermoplastic moisture barrier therebetween.

Provisional Specification : 4 pages.

Complete Specification : 8 pages.

Drawing : 1 sheet.

CLASS 190B. 147568.

Int. Cl.-F01d 25/26.

TURBINE CASING ASSEMBLY.

*Applicant :* KRAFTWERK UNION AKTIENGESELLSCHAFT, 4330 MULHEIM (RUHR), WIESENSTR. 35, FEDERAL REPUBLIC OF GERMANY.

*Inventors :* AXEL REMBERG AND WILLI TRIESCH.

Application No. 1178/Cal/77 filed August 1, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

In, or for use in, a turbine, an assembly comprising an outer casing having an opening formed therein, an inner casing having a duct extending into said opening, and means for assisting centring of said inner casing in said outer casing, wherein said means for assisting centring comprises a shoulder portion which is formed on said duct and a recess which is formed in said outer casing, the shoulder portion extending into said recess and being lockable therein by locking members inserted between the shoulder portion and the walls of the recess.

Comp. Specn 7 Pages.

Drg. 1 Sheet.

CLASS 85R & 108B<sub>2</sub>.

147569.

Int. Cl.-C21b 9/00.

IMPROVEMENTS IN AND RELATING TO BLEED VALVES.

*Applicant :* S.A. DES ANCIENS ETABLISSEMENTS PAUL WORTH, OF 32 RUE D'ALSACE, LUXEMBOURG, GRAND DUCHY OF LUXEMBOURG.

*Inventor :* PIERRE MAILLIET.

Application No. 418/Cal/77 filed March 22, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims.

A bleed valve for controlling the flow of gas between the interior of a shaft furnace and the ambient atmosphere via an exhaust conduit, including a movable valve member having a sealing surface which cooperates with a stationary valve seat, an improved actuating mechanism for the valve member comprising an elongated movable valve support member, said support member being connected to the valve member and being pivotal about an axis which is displaced from the point of connection of the support member to the valve member, means for producing a valve actuation force, lever means pivotable about an axis orthogonal to the longitudinal axis of the exhaust conduit, a first end of said lever means being coupled to said force producing means, and a connecting rod coupling the second end of said lever means to said support means intermediate the ends of said support means.

Comp. Specn. 21 Pages.

Drg. 10 Sheets.

CLASS 167C & F.

147570.

Int. Cl.-B07b 1/18.

DRY SHALE EXTRACTOR.

*Applicant :* MINING AND ALLIED MACHINERY CORPORATION LTD., A GOVT. OF INDIA ENTERPRISE OF P.O. DURGAPUR-10, DIST-BURDWAN, STATE OF WEST BENGAL, INDIA.

*Inventors :* MAHIJEET SINGH, JAGANMOY DE, KAZI NAZRUL HAQUE AND ASIT BARAN CHATTERJEE.

Application No. 1110/Cal/77 filed July 19, 1977.

Complete specification left July 18, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A dry shale extractor comprising of an inner cylindrical casing mounted within an outer rotatable cylindrical casing or drum, the said inner casing being provided with a plurality of leaf springs held to said inner casing, a first rotatable central distributor plate provided above the said inner casing, a plurality of second distributor plate provided with the outer casing, a first rejection chute provided below said inner casing, a plurality of openings provided, with said outer casing or drum being in communication with a second chute extending below of said outer casing or drum, at least one drive means provided for rotating the outer casing or drum and the first rotatable central distributor plate such that the material fed on the leaf springs passes through the said leaf springs and are discharged through the said chutes in different grades.

Specn. 5 Pages. Comp. Specn. 13 Pages. Drg. 2 Sheet.

CLASS 113-I. 147571. 146877 made by Tata Engineering and Locomotive Company Limited.

Int. Cl.-F21m 3/00.

**IMPROVEMENTS IN OR RELATING TO AUTOMATIC DIPPER FOR THE AUTOMOBILES OR THE LIKE.**

*Applicant & Inventor:* VINOO TANDON, 16, DARYA GANJ, NEW DELHI, INDIA.

Application No. 110/Del/77 filed May 23, 1977.

Complete Specification left August 22, 1977.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Delhi Branch.

**10 Claims.**

An automatic dipper of the head lights of automobiles and capable of performing three different operations namely the "automatic dipping" of the Headlights, the 'blinking' of lights and the 'constant dipping' of the lights which comprises a photo sensitive device such as light dependant resistance connected to an amplifier, the said amplifier comprising a set of three transistors and an as table multi-vibrator, a single contact relay and a function selection switch arranged to form two separate electronic circuits, characterised in that the whole device is connected to the filaments of the electric bulbs of the Headlight through suitable relay contacts.

Prov. Specn. 4 Pages. Comp. Specn. 10 Pages. Prov. Drg. 2 Sheets. Comp. Drg. 2 Sheets.

**OPPOSITION PROCEEDINGS**

An opposition has been entered by Prav Electrospark Private Limited to the grant of a patent on application No.

**PATENTS SEALED**

142607 143434 143500 143817 143874 144218 144358 144359  
144360 144770 145290 145408 145418 146261 146381 146416  
146502.

**AMENDMENT PROCEEDINGS UNDER SECTION 57**

The amendments proposed by Luigi Stoppani S.p.A., in respect of patent application No. 145590 as advertised in Part III, Section 2 of the Gazette of India dated the 29th September, 1979 have been allowed.

**AMENDMENT PROCEEDINGS UNDER SECTION 57**

Notice is hereby given that Associated Engineering Limited, a British Company, of 60, Kenilworth Road, Leamington Spa, Warwickshire, England, have made an application under section 57 of the Patents Act, 1970 for amendment of the complete specification for their application for patent No. 145676 for "Metal bounding method". The amendments are by way of correction so as to describe and ascertain the invention more correctly and precisely. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

List No. V

**COMMERCIALLY WORKING OF PATENTED INVENTIONS**

The following patents in the field of Mechanical & General Engineering are not being worked commercially in India as admitted by the Patentees in the statement filed by them under Section 146(2) of the Patents Ac, 1970 in respect of calendar year 1978, generally on account of want of requests for licences to work the patented inventions.

Persons who are interested to work commercially the said patents may contact the patentees for the grant of Licences for the above purpose.

S. No.	Patent No.	Date	Title	
1	2	3	4	5
1.	139579	20-6-1974	Cotton Incorporated, 1370, Avenue of the Americas, New York 10019 U.S.A.	Production of cotton fibre assemblies.
2.	139582	16-8-1974	VEREINIGTE Oesterreichische Eisen- Und Stahlwerke-Alphine Montan A.G. Friedreichstrasse 4, 1011 Wien, Austria.	A joint between a rotary kiln & a tiltable hearth furnace.
3.	139592	29-10-1973	Werkzeugmaschinenfabrik Oerlikon-Buhle A. G.; Birchstrasse 1SS, 8050 Zurich, Switzerland.	A wheel slide controller for braked four axle vehicle.
4.	139605	14-10-1974	Palitex Project Co GmbH ; Weeserweg 8, 415 Krefeld, West Germany.	A double twisting machine with a knotting device.
5.	139612	30-4-1973	Dunlop Ltd ; Dunlop House, Ryder Street, St. James's London SW1, England.	Pneumatic tyre and wheel assemblies.
6.	139613	30-4-1973	Do.	Do.
7.	139636	6-7-1973	Carding Specialists (Canada) Ltd., Swite 1315, 44 King Street, West, Toronto 1, Ontario, Canada.	Apparatus for use as gas compressor or gas blower.
8.	139641	8-1-1974	G. D. SOCIETA Per Azioni; Via Pompomia 10, Bologna, Italy.	High speed intermittent Cycling machine for wrapping pieces of soap.
9.	139642	29-6-1973	Union Carbide Corp; 270 Park Avenue, N.Y. N. Y. 10017 U.S.A.	Apparatus for producing an affluent having a reduced 'bod' content.

1	2	3	4	5
10.	139654	19-12-1974	Midrex Corp., One NCNB Plaza, Charlotte North Carolina, 28280, U.S.A.	Apparatus for cooling a moving bed of solid gas permeable particles.
11.	139667	11-5-1973	Wilkinson Sword Ltd., Sword House, Totteridge Road, High Wycombe, Buckinghamshire, England.	Shaving device.
12.	139681	11-4-1973	Societe Nationale Des Poudres Et Explosifs, 12 Quai Henri IV, TS 181 Paris Crieux 04, France.	Milling machine for the machining of the parts of large dimensions.
13.	139682	11-4-1973	Societe Nationale Des Poudres Et Explosifs. Device for machining internal duct of solid propellant.	
14.	139685	29-6-1973	Polar Chemicals Ltd., Leo House, London Wall, London EC2, England.	Removal of deposits from surfaces.
15.	139692	13-3-1975	Hoshang D. P. Pavri, 77 Park Street, Calcutta 16, India.	Printing plates/blocks.
16.	139694	6-11-1974	The Prestige Group Ltd., Prestige House, 14—18, Holborn, London ECIN 240, England.	Pressure cooking appliances.
17.	139695	13-3-1973	Dr. Waldemar Bleier, Roelener Schanzel, D-663 Saarlouis, FRG.	A clip for reversible or permanent interruption of body passage in human & animals.
18.	139728	15-1-1974	C.S.I.R. Rafi Marg, Delhi-1, India.	Powered cycle rickshaw.
19.	139729	6-9-1973	Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London SW1, England.	Explosive fuse cord.
20.	139734	2-7-1974	S. A. Anciens Etablissements Paul Wurth, 32, Rue, D'alsace, Luxembourg.	Tuxere feed lines in blast furnace.
21.	139740	21-2-1974	Hollandse Signallappa raten B. V. Zindelijbe Harenmeg.	Manufacture of twist less yarn with a relatively low twist and the yarn obtained through the application of same method.
22.	139741	29-5-1974	Sofretes-Societe Francaise D'Etudes Thermiques Et D'Energie Solaire, Loiret, France.	Power generating system comprising an engine actuated by the expansion of a liquifiable gaseous fluid.
23.	139757	22-8-1974	Maschinensfabrik Rieter A. Q. 8406 Winterthur, Switzerland.	Generating a stream of suction air.
24.	139761	27-12-1974	Ruti Machinery Works Ltd., 8630 Ruti, Zurich, Switzerland.	A band wheel drive arrangement of looper loom with automatic lubricating means.
25.	139780	3-7-1974	Dunlop Ltd., England.	Device for handling a pneumatic tyre during moulding and curing.
26.	138812	5-12-1973	Girling Ltd., King's Road, Tyseley, Birmingham 11, Warwickshire, England.	Transmission member and hydraulic actuators incorporating said members.
27.	139813	20-2-1974	Industrie Pirelli Societe Per Azioni Centro Pirelli, Piazza Ducca D'Asota No. 3, Milan 20100, Italy.	Pneumatic tyres.
28.	139824	22-10-1973	Chicago Pneumatic Tool Co., 6 East 44th Street, N.Y., N.Y. 10017, U.S.A.	Nut crimping mechanism.
29.	139836	25-6-1974	Vereinigte Oesterreichische Eisen-Und Stahlwerke Alpine Moutan A.Q. 1011, Vienna, Werksgelarde, 4010, Linz, Austria.	Tiltable convertor.
30.	139854	31-10-1974	British Sealed Beans Ltd., Rockingham Road, Corby, Northants, England.	Filaments shields.

1	2	3	4	5
31.	139860	4-4-1973	Westinghouse Electric Corp., Pittsburgh, Pennsylvania, U.S.A.	System for turbine speed controlling valve operation.
32.	139942	7-4-1973	Midland-Ross Corp., SS Public Square, Cleveland, Ohio 44113, U.S.A.	Railway car coupler.
33.	139945	24-8-1973	Crawford Brown Murton, 1906 Brushliffe Road, Pittsburgh, Pennsylvania, 15221, U.S.A.	Applying a refractory lining to a metallurgical vessel.
34.	139955	18-10-1973	B.I.C.C. Ltd., 21 Bloomsbury Street, London NW1B 30N, England.	Wire drawing machinery.
35.	139969	19-12-1974	Paterson Candy International Ltd., 21, The Mall, Ealing, London W5, 2PU, England.	Weight operated control device.
36.	139971	24-6-1974	Westerex Co. Ltd., 152 Coles Green Road, Crickwood, London NW2 7AE, England.	A mechanical drive for cinematograph.
37.	139981	3-10-1974	Midland-Ross Corp., U.S.A.	Railway vehicle coupler & draft gear.
38.	140011	26-10-1973	Dr. Carl Hahn GMBH, Kaisenswerther Strasse 270, D. 4000 Dusseldorf, FRG.	Applying free end portion of a withdrawal string to one end face of non-woven fabrik as a blank for tampon for female hygiene.
39.	140018	4-5-1974	Girling Ltd., Kings Road, Tyseley, Birmingham 11, England.	Fluid tight assemblies.
40.	140021	8-5-1973	Great Lakes Carbon Corp., 299 Park Avenue, N.Y. N.Y., U.S.A.	Apparatus for collecting emission discharged into atmosphere from high temperature chemical reactor.
41.	140037	11-11-1974	Frank Natrass, "Fallows End" Brearton, Harrogate Yorkshire, England.	Bulk material containers.
42.	140053	11-6-1974	British Steel Corp., 33 Grosvenor Place, London SW1, England.	Testing of articles.
43.	140060	30-9-1974	Caterpillar Tractor Co., 100 N.E. Adman street, Peoria, Illinois, U.S.A.	Noise attenuating means for sprocket teeth & track.
44.	140061	1-10-1974	George Fischer A.G. Schaffhausen, Switzerland.	Cast one piece annular rim members for vehicle wheel.
45.	140063	3-5-1973	Girling Ltd., England.	Shoe drum brakes for vehicles.
46.	140075	3-7-1974	Schubert and Salzer Maschinenfabrik A. G. Friedrich-Eberstrasse 84, 8070 Ingolstadt, West Germany.	Forming transfer tail on a yarn bobbin.
47.	140077	2-9-1974	B & J Manufacturing Co., P. O. Box 325 700 West 193rd Glenwood, Illinois 60425, U.S.A.	A replaceable blade for the rotating hub of a tire buffing machine.
48.	140080	17-10-1974	Schubert and Salzer Maschinenfabrik A.G. Friedrich-Eberstrasse 84, 8070 Ingolstadt, West Germany.	Effecting a thread in an open-end spinning apparatus.
49.	140084	21-5-1974	G. D. Societa Per Azioni, Via Pomponia 10, Bologna, Italy.	Apparatus for accumulating and supplying lengths of material in sheet form.
50.	140086	1-4-1974	United Aircraft Corp., 400 Main Street, Cast Handford, Connecticut 06108, U.S.A.	Battery peaking unit for fuel cell power plants.
51.	140095	9-10-1973	S. A. Des Anciens, Establisameauts Paul Wurth 32, Rue, D'alsace, Luxembourg.	Control device for a distributor chute in a shaft furnace.
52.	140115	31-12-1974	Marc Yves, Vergnet, 1 Chemin du val Doux, 'La Paveigne', Toulon, Var, France.	Pumps.

1	2	3	4	5
53.	140126	17-7-1973	Taylor & Challen Ltd., Mary Ann Street, Birmingham B 3 1RA, England.	Coining press.
54.	140144	9-11-1973	Girling Ltd., King's Road, Tyseley, Birmingham 11, Warwickshire, England.	Vehicle brakes.
55.	140148	9-11-1973	Do.	Vehicle brakes.
56.	140150	26-9-1974	G. D. Societa Per Azioni Via Pomponia 10, Bologna, Italy.	Hopper with cigarette.
57.	140163	8-8-1973	The Solartron Electronic Group Ltd., Victoria Road, Farnborough, Hampshire, England.	Weapon training system particularly for simulating the use of weapon against target.
58.	140203	7-12-1973	Girling Ltd., England.	Automatic adjuster for vehicle brakes.
59.	140222	14-9-1973	Elken Spigerverket A/s. Eluemhuset, Middelthunsgate 27, Oslo 2, Norway.	Arrangement for progressively advancing a cylindrical body in the direction of its axis.
60.	140227	5-12-1974	United Aircraft Corp., 400 Main Street, East Hartford, Connecticut, U.S.A.	Fuel cell electrode.
61.	140241	5-6-1973	Doutche Rhodiaceta A.G. 78 Feriburg 1M Breisgau, FRG.	Cigarette filters.
62.	140258	9-10-1973	Sunkist Growers Inc., 14130 Riverside Drive, Sherman Oaks, California, U.S.A.	Apparatus to organise a mass of objects into a travelling row.
63.	140275	27-12-1973	Societe Anonyme Des Mines, De Per Do Mauritaine of D'Derik, Islamic Republic of Mauritania.	Emergency braking for railway trains.
64.	140303	15-12-1973	Girling Ltd., England.	Vehicle wheel brake actuators.
65.	140362	16-1-1975	Scovill Manufacturing Co., Waterbury, New Haven, Connecticut, U.S.A.	Tyre valves.
66.	140409	11-9-1974	Mahle GMBH, 26—46 Pragstrasse Stuttgart, West Germany.	A piston and connecting rod arrangement for a reciprocating piston engine.
67.	140410	13-9-1974	Elitex Zavod Textilniho Strojirstvi, Liberce, Czechoslovakia.	Body for winding yarn in textile machines.
68.	140462	13-6-1973	(1) Edward Johnson Tomms. (2) Anthony Thoms Brindisi. (1) of Normandy Heights Road Convent Station New Jersey & (2) of Charles Drive Fairfield, New Jersey, U.S.A.	Containers and safety closure therefor.
69.	140473	5-12-1974	Knorr Bremse GMBH, 8 Munchen 40, Musacherstrasse 80, FRG.	Flow dependent monitoring device for the main air conduct of air brake system of railway vehicles.
70.	140499	21-9-1973	Simen Carves Ltd., P. O. Box 31, Stockport, Cheshire, S.K. 3, OTJ.	Safety means for use in discharging coke from coke ovens.
71.	140501	23-12-1974	British Steel Corp., 33 Grosvenor Place, London SW1, England.	Making metal strips from powder.
72.	140504	27-7-1974	Balcke-Durr A.G. 4030 Ratingen, Hoemberger Strz, FRG.	Helically winding a bond on a tube to produce a helically fine tube.
73.	140518	12-3-1976	Svenska AB Laminator, Hammarby Fabriksväg 43, Stockholm, Sweden.	Device for receiving temporary markings.
74.	140525	31-12-1973	Balcke—Durr A.G. FRG.	Cooling tower.
75.	140530	31-12-1973	Do.	Cooling towers.
76.	140546	14-9-1973	Gestetner Ltd., Fawley Road, Tottenham, London, N. 17, England.	Device for receiving a stencil ink screen from a duplicator cylinder.

1	2	3	4	5
77.	140555	7-3-1974	Diamond Power Speciality Corp., U. S. Route 22 East Lancaster, Ohio, U.S.A.	Power connecting apparatus for movable members.
78.	140572	11-7-1974	Burroughs Corp., U.S.A.	Chain printer utilizing a plurality of teeth for engaging driving means.
79.	140612	26-8-1974	Girling Ltd., England.	Disc brakes for vehicles.
80.	140616	16-9-1974	The Texile & Allied Industries Research Organisation, Baroda-390001.	A universal cutting and grinding machine for repairing used shuttles.
81.	140664	22-10-1974	Parks Cramer Ltd., Suthers Street, Oldham, Lancashire, England.	Spinning yarns on open end spinning machine and pneumatically removing fibre.
82.	140665	20-4-1974	Ettore Bonalumi Via Lega Lombarda, 5 Bergame, Italy.	Stripping a web from a carding machine.
83.	140669	5-11-1973	Deer & Co., Moline Illinois, U.S.A.	A crop harvester having an automatic height control system.
84.	140696	14-3-1975	G. D. Societa Per Azioni Via Pomponia 10, Bologna, Italy.	Rotatable head cigarettes supplier to infeed hopper in high speed cigarette packing machine.
85.	140705	20-10-1973	Deer & Co., U.S.A.	Variable speed belt drive for agricultural machine.
86.	140706	30-11-1973	Midland—Ross Corp., 55, Public Square, Cleveland, Ohio 44113, U.S.A.	A draft gear.
87.	140709	30-5-1974	Girling Ltd., England.	Pressure control valves.
88.	140715	1-3-1974	The Fiberwoven Corp., East Main Street, Elkin, North Carolina, U.S.A.	Machine for producing a needled fabric structures.
89.	140741	19-12-1973	G.D. Societa Per Azioni, Italy.	Cigarette Packing machine.
90.	140746	3-12-1974	British Steel Corp., 33 Grosvenor Place, London SW1, England.	Flanged ductile iron pipes.
91.	140758	19-12-1974	Girling Ltd., England.	Hydraulic actuators.
92.	140773	17-12-1973	F. L. Smidh & Co., A/S, 77 Vigerslev Alle, Copenhagen—Valby, Denmark.	Support of rotor drums.
93.	140777	11-3-1974	USS Engineers & Consultants Inc., 600 Grant Street, Pittsburgh, Pennsylvania, U.S.A.	Forming an internal taper in the walls of sleeve like body.
94.	140781	11-11-1974	Frank Nattrass of "Fallows End", Breton, Harrogate, Yorkshire, England.	Bulk material container.
95.	140823	24-6-1974	Westerex Co. Ltd., 152 Coles Green Road, Cricklewood, London NW2 74E, England.	Cinematograph film transport mechanism.
96.	140867	2-1-1975	Trutzhler & Co., D-4070 Rheydt Odenkirchen, Dunen Strasse, 82—92 FRG.	Measuring a fibre formation.
97.	140881	4-1-1974	Dr. C. Otto & Comp. GmbH, Christstrasse 9, Postfach 1849/1850, 463 Bochum, West Germany.	Pressure reactor for combustible gas.
98.	140884	16-2-1974	Keeley Co. Inc., 6720 North Pentouie Avenue, Milwaukee, Wisconsin, U.S.A.	Stack construction for a combustion apparatus.
99.	140886	24-9-1974	Fluidrive Engineering Co. Ltd., Weston Road, Isleworth, Middlesex TW 7 6 EH, England.	Fluid couplings and motor driven installation incorporating the same.
100.	140897	2-12-1974	G.D. Societa Per Azioni, Italy.	Pump for flowrate control of liquid in piping system.

1	2	3	4	5
101.	140898	28-12-1974	Wharton Shipping Corp., Quijano Associates Avenida J. Arboledas Calle 32 Edificio Valladolid Panama.	Vessel for floatation loading and unloading and partial buoyancy support by barges.
102.	149006	11-6-1975	Wilkinson Sword Ltd., Sword House, Totteridge Road, High Wycombe, England.	Razor blade dispenser.
103.	140914	22-3-1974	F. L. Smith & Co., A/S, 77 Vigerslev Alle, Copenhagen Valby, Denmark.	Air swept tube mills.
104.	140915	8-7-1974	Eliter Zavody Textilniho Strojirenstvi, 22 Boxeny Newoave, Liberec, Czechoslovakia.	Simultaneous formation of yarn package on a winding body in textile machines.
105.	140938	21-10-1974	Dr. Rer Nat Axel Gunther Helm D-8201 Neuleonern/ann Henburgstrasse 3, FRG.	Railway transport system.
106.	140939	11-1-1974	Rohm GmbH, Darmstadt, FRG.	Preparation of pelts prior to tanning.
107.	140946	19-9-1974	Dr. C. Otto & Como GmbH, Christstrasse 9, Bolfach 1849/1850, 463 Bochum, W. Germany.	Apparatus for charging coal in coke ovens.
108.	140951	20-2-1975	Jakob PFUHL Katharina Pfuhl Ingrid Pfuhl and Kato Models Pty Ltd., 50, Matthews Street, Punchbowl, New South Wales, C. of Australia.	Sewing device.
109.	140957	25-9-1975	Didier Werke A. G. 62 Wiesbaden, Lessingstr 16, West Germany.	Blast stoves for blast furnace.
110.	140986	14-12-1973	G. D. Societa Per Azioni, Italy.	Feeding containers filled with cigarettes.
111.	140991	21-5-1974	Do.	Checking the proper sealing down of the base of packets.
112.	140993	13-8-1974	Parks Cramer Co., P. O. B. 444, Fitchburg, Massachusetts, U.S.A.	Travelling tending apparatus for textile machines.
113.	140996	26-9-1974	G. D. Societa Per Zzioni, Italy.	Device for separating sheet from piles.
114.	141005	20-9-1975	K. R. Datye, Amit Bldg., Fl. No. 10, Behind Dena Bank, Nehru Road, Bombay-57.	Method of drilling holes in soil and rock.
115.	141007	11-8-1976	National Dairy Development Board, Anand, Gujarat, India.	Automatic vending system for liquids.
116.	141027	26-7-1975	Joseph Krings, D-5138, Heinsberg Oberbruch Hans Bockler Strasse 23, FRG.	Cubbing plate for securing conduit trenches.
117.	141037	1-11-1973	Peter Zimmer, Unteres sparchen 54, 6330 Kuosteun, Austria.	A device for supporting and holding a rotary screen.
118.	141038	1-11-1973	Do.	Screen holder for rotary screens.
119.	141039	1-11-1973	Do.	Screen holder for rotary screens.
120.	141047	19-4-1974	Alfa-Laval A. G. Postfack, 5-14700, Tumba, Sweden.	Heat treatment and liquid packing apparatus.
121.	141053	13-2-1975	Girling Ltd., England.	Disc brakes for rail vehicles.
122.	141063	3-5-1974	G. K. N. Windsor Ltd., 78 Portswouth Road, Cobham, Surrey KT 11 1HY, England.	Injection moulding machines.
123.	141064	4-6-1974	Pandrol Ltd., 7 Rolls Bldg., Poger Lane, London E. C. 4A 1JB, England.	A railway rail fastening member.
124.	141075	19-3-1975	Westinghouse Electric Corp., U.S.A.	Outdoor current limiting fuse.
125.	141087	13-3-1974	The Cross Co., 17801 Fourteen Mile Road, Frazer Michigan, 48026, U.S.A.	A tool adjusting system.

1	2	3	4	5
126.	141092	11-6-1974	British Steel Corp., England.	Testing apparatus for tube rods or bars.
127.	141094	10-4-1975	Thyssen Niederrhein, Essener Strasse 66, 42 Oberhausen FRG.	Steel of improved toughness property.
128.	141097	14-4-1976	Nambamuds Sinniah Vellasithan Sinwaih, Mayfield Estate, Nellakotta, P. O. Pin Code 643 225, Nilgiris, Tamil Nadu.	Rotory pump.
129.	141105	28-2-1975	C.S.I.R. New Delhi-1, India.	Production of copper foils for printed circuit.
130.	141106	15-3-1974	Girling Ltd., England.	Disc brakes for vehicles.
131.	141108	29-4-1974	Scapa Porritt Ltd., Cartwell Road, Black- bura, Lancashire, England.	Paper makers wet felts.
132.	141147	18-4-1974	Aikoh Co. Ltd., 1-392-chome, 1 Konohata Taito-Ku, Tokyo, Japan.	Thermally expandable moulding for heat retention of feeder head top surface.
133.	141150	4-12-1974	Hindustan Lever Ltd., Hindustan Lever House, 165/166, Backbay Reclamation, Bombay-20.	Pump for dispensing liquid.
134.	141171	18-9-1974	Siemens A.G. Berlin & Munich, West Germany.	Steam filter for turbine.
135.	141172	9-4-1975	Girling Ltd., England.	Tandem master cylinder for hydraulic systems.
136.	141187	30-10-1976	K. R. Datye, Amit Bldg., Flat No. 10, Nehru Road, Vile Parle (East) Bombay- 57.	Strengthening natural soft ground.
137.	141191	9-5-1974	Girling Ltd., England.	Friction plates and vehicle disc brakes.
138.	141207	23-2-1974	Davis & Metcalfe Ltd., Injection Works Romiley, N. R. Stockport, Cheshire, SK6 3AE, England.	Spring brake unit.

## COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Chemical Engineering Industry are not being worked commercially in India, as admitted by the Patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970 in respect of Calendar Year 1978, generally on account of want of requests for licences to work the patented inventions. Persons who are interested to work commercially the said patents may contact the Patentees for the grant of licences for the above purpose.

No.	Patent No.	Date	Name of the Patentee	Title of the Invention
1	2	3	4	5
1.	138917	7-12-1973	Tae Lubrizol Corp., P.B. 3037, Euclid Station, Cleveland, Ohio, U.S.A.	Preparation of Phosphonodithionic acid.
2.	138922	9-4-1975	DSO "PHARMACHIM", 16, Iliyansko Chausse, Sofia Bulgaria.	Method for producing phytin.
3.	138952	3-5-1973	CTBA GEIGY AG., 141 Klybeckstrasse, Basle, Switzerland.	Preparation of Substituted Chloroacetanilides.
4.	138955	25-3-1974	HOECHST AG., 6230, Frankfurt/Main 80, F.R.G.	Stabilizing dispersions of 2-alkyl-4, 6-dinitrophenol esters.
5.	138958	21-2-1972	Union Carbide Corporation, 270, Park Avenue, New York, State of New York, U.S.A.	Production of Hydroxyindone compounds.
6.	138964	30-10-1973	SNAMPROGETTI S.p.A. 16, CORSO VENEZIA, MILAN, ITALY.	Fructose or a syrup containing glucose and fructose.

1	2	3	4	5
7.	138971	12-2-1973	HOECHST AG., Frankfurt/Main, Federal Republic of Germany.	Shaped articles made of thermoplastic moulding composition on the basis of Polyoxo-methylene.
8.	138983	3-1-1973	Institute National DE LA Recherche Agromonique and Centro Nacional De Investigaciones Cientificas, 149, Rue Grenelle Paris, 7 EME, France.	Process for obtaining rennet solution.
9.	138985	2-4-1973	The Regents of the University of California, 2200, University Avenue, Berkeley, California, U.S.A.	Preparation of silicon composition from Organic Plant Material.
10.	139015	28-2-1974	HOECHST AG., 6230 Frankfurt/Main 80, Preparation of Oxamides. F.R.G.	
11.	139032	25-1-1974	C.S.I.R., Rafi Marg, New Delhi, India.	Preparation of agarose from indigenous agar.
12.	139040	11-4-1973	International Nickel Limited, Thames House, Millbank, London, SW1P 4QF, England.	Production of Nickel-base heat resistant alloys and articles therefrom.
13.	139118	27-10-1973	Lone Star Steel Company, 2200 W. Mockingbird Lane at Roper, Dallas, Texas, U.S.A.	Removal of particulate matter and acidic gases from carrier gases.
14.	139121	14-2-1974	LABAZ, 39, Avenue Pierre ler de serbie, 75-Paris 8E, France.	Preparation of novel indole derivative.
15.	139136	26-9-1975	C.S.I.R., New Delhi, India.	Isolation of Diosgenin from Plant Material.
16.	139155	11-4-1974	Gulf Oil Corporation, Gulf Building, 7th Avenue and Grant Street, Pittsburgh, Pennsylvania, U.S.A.	Refining carbonaceous fuels.
17.	139164	29-5-1973	Labaz, 39, Avenue, Pierre ler de serbie, 75, Paris, 8E, France.	Preparation of novel acetamide derivatives.
18.	139182	21-11-1973	Snamprogetti S.p.A. 16, Corso Venezia, Milan, Italy.	Removing vinyl aromatic hydrocarbons.
19.	139193	24-2-1973	Chemical Separations Corp., 795 Oak Ridge, Turnpike, Oak Ridge, Tennessee, U.S.A.	Continuous Process for producing ammonium nitrate containing fertilizer material.
20.	139205	18-7-1973	Snamprogetti S.p.A., Milan, Italy.	Hydrogenating diolefinic hydrocarbons to mono-olefinic hydrocarbons.
21.	139206	6-8-1973	Shell Internationale Research Maatschappij B. V. Carel, Bylandlaan 30, The Hague, The Netherlands.	Production of hydrogen-rich gas from carbon monoxide and hydrogen containing gases.
22.	139208	19-3-1974	Snamprogetti S.p.A., 16, Corso Venezia, Milan, Italy.	Purification of Urea solution.
23.	139212	19-9-1974	Shell Internationale Research Maatschappij B. V., The Hague, The Netherlands.	Production of Synthesis gases.
24.	139215	20-4-1972	Ciba of India Limited, Aarey Road, Goregaon (East) Bombay-400 062, M.S., India.	Manufacture of azo-bi-cyclo aliphatic compounds.
25.	139216	28-2-1973	Snamprogetti S.p.A. Milan, Italy.	Production of aluminium chlorohydroxides.
26.	139231	25-5-1973	Union Carbide India Limited, 1 Middleton Street, Calcutta-700 071, West Bengal India.	Manufacture of sorbic acid and its alkali metal salts.
27.	139235	19-10-1973	John Wyeth and Brother Limited, Huntercombe Lane South, Taplow, Maidenhead, Berkshire, England.	Preparation of novel pyridine derivatives.

1	2	3	4	5
28.	139237	13-3-1974	Embart (U. K.) Limited, Crompton Road, Wheatley, Doncaster, Yorkshire, England.	Control system for cyclic processes.
29.	139256	18-3-1974	Hindustan Lever Limited, 165/166, Hindustan Lever Limited, Backbay Reclamation, Bombay-20, India.	Tooth powder
30.	139261	28-1-1973	Do.	Hydrogenating poly unsaturated fatty acids.
31.	139265	23-11-1973	Pfizer Inc., 235, East 442nd Street, New York, State of New York, U.S.A.	Preparation of Pentanorprostaglandins.
32.	139273	3-3-1972	Solvay and Cie, 33 rue du prince Albert B-1050, Brussels, Belgium.	Stereo specific polymerization of $\alpha$ -Olefins.
33.	139278	17-9-1973	C.S.I.R., New Delhi, India.	Production of a new antiviral substance.
34.	139288	12-2-1974	Metallgesellschaft, Frankfurt Main, Reuterweg 14, West Germany.	Mercury cell for electrolysis of alkali metal chlorides.
35.	139317	18-6-1973	Bridgestone Tite Co. Limited, 1, 1-Chome, Kyobashi Chuo-ku, Tokyo, Japan.	Composite of a metallic material and vulcanised rubber.
36.	139321	19-7-1973	Hoechst, A. G., Frankfurt/Main, F.R.G.	Preparation of novel water soluble monoazodyestuffs.
37.	139383	22-6-1973	Unilever Limited, Unilever House, Blackfriars, London, E.C. 4, England.	Preparation of composite tea products.
38.	139385	20-11-1973	Eli Lilly Co., 740, South Alabama Street, Indianapolis, Indiana, U.S.A.	Preparation of 3-hydroxy cephalosporins.
39.	139393	14-5-1973	Union Carbide Corp., 270, Park Avenue, New York, State of New York, U.S.A.	Apparatus for coating metal substrates with porous, metal layer.
40.	139427	9-3-1973	Shell Internationale Research Maatschappij, B.V., The Hague, The Netherlands.	Production of improved catalyst.
41.	139432	19-11-1973	Do.	Preparation of ethylene oxide.
42.	139447	7-11-1973	McNeil Laboratories, Camp Hill, Fort Washington, State of Pennsylvania, U.S.A.	Preparation of 4-oxo-2-imidazolidinylidine ureas.
43.	139456	31-7-1973	Ciba-Geigy A. G., 141 Klybeckstrasse, Basle, Switzerland.	Manufacture of substituted chloroacetanilides.
44.	139464	15-3-1974	Societe D'etudes De Produits Chimiques, 16, rue Kleber 92130, Issy-les-Moulineaux, France.	Preparation of piperazine derivatives.
45.	139465	20-3-1974	Snamprogetti S.p.A., 16, Corso Venezia, Milan, Italy.	Production of cellulose bodies and cellulose filaments.
46.	139468	29-10-1974	(i) Michiro Inoue, 6-26-3, Kokunyo-cho, chofu-shi, Tokyo, (ii) Masayuki Ishikawa, 3-14-3, Akatsutsuni, Setagaya ku, Tokyo, (iii) Takashi Tsuchiya, 5-17-25, Minamikoiwa, Edogawa-ku, Tokyo, (iv) Takoshimamomo, 13, Kitamachi, shinjuku, Tokyo, Japan.	Preparation of 1-phthalazene derivatives.
47.	139483	6-3-1973	American Home Products Corp., 685, Third Avenue, New York-10017, U.S.A.	Preparation of novel phosphorylated cephalosporins.

1	2	3	4	5
48.	139484	16-2-1974	C.S.I.R., Rafi Marg, New Delhi, India.	Improvements in colouring of aluminium powder.
49.	139500	12-8-1974	Ciba of India Limited, Aarey Road, Goregaon, Bombay, India.	Manufacture of Nitroimidazoles.
50.	139508	19-10-1973	John Wyeth and Brother Limited, Huntercomb Lane, Taplow, Maidenhead, Berkshire, England.	Preparation of novel pyridine derivatives.
51.	139509	19-10-1973	Do.	Do.
52.	139510	13-3-1974	Hindustan Lever Limited, Hindustan Lever House, 165/166, Backbay Reclamation, Bombay-20, India.	Liquid laundry detergent.
53.	139511	22-11-1974	Merck Patent Gesellschaft, Darstadt, Frankfurtstrasse, 250, F.R.G.	Preparation of 2-acyl-4-oxo-pyrazine isoquinolines.
54.	139529	28-12-1973	Toyo Engineering Corp., 2-5, 3-chome, Kasmigaeiki, Chiyoda-ku, Tokyo, Japan.	Apparatus for effecting catalytic gaseous reaction at elevated pressures.
55.	139531	2-8-1974	Nippon Soda Co. Limited, Otemachi, Tokyo, Japan.	Producing cyclohexane derivatives.
56.	139552	29-10-1974	(i) Michiro Inoue, (ii) Masayuki ishikwa, (iii) Takashi Tsuchiya, (iv) Takioshimamoto, All from Tokyo, Japan.	Preparation of 1-phthalazone derivatives.
57.	139553	27-6-1973	Chemie Linz A. G., St. Peter, 224, Linz/Donau, Austria.	Preparation of guanidine carbonate.
58.	139581	14-8-1974	Cadbury Ltd., Bournville, Birmingham, England.	Manufacture of Milk chocolate.
59.	139584	25-6-1975	Hoechst A. G., 6230, Frankfurt/Main, 80 F.R.G.	Manufacture of insecticidal compounds.
60.	139602	4-6-1974	U.S.S. Engineers and Consultants Inc., 600 Grant Street, Pittsburgh, Pennsylvania, U.S.A.	Apparatus for introducing gas to hot metal in a bottom pour vessel.
61.	139604	16-8-1974	Vereinigte Oesterreichische Eisen-und stahlwerke A. G., Friedrichstrasse 4, 1011, Wien, Austria.	Process and apparatus for extracting iron from iron ores.
62.	139616	6-7-1973	Simon-Carves Limited, Cheadle Heath, Stockport, Cheshire, England.	Manufacturing of sulphuric acid.
63.	139617	19-7-1973	Imperial Chemical Industries Limited, Imperial Chemical House, Millbank, London, England.	Manufacture of phosphoric acid amides.
64.	139619	19-1-1974	The Goodyear Tire and Rubber Company, 114, East Market Street, Akron, Ohio, U.S.A.	Coagulating synthetic lattice.
65.	139622	16-4-1974	Shell Internationale Research Maatschappij B.V., The Hague, The Netherlands.	Production of protein-rich products.
66.	139623	26-6-1974	RCA Corporation, 30, Rockefeller Plaza, New York, New York-100 02, U.S.A.	A method of etching silicon oxide to produce a tapered edge.
67.	139627	14-8-1974	Cadbury Limited, Bournville, Birmingham, England.	Manufacture of Milk Chocolate.
68.	139630	16-2-1972	Rychem Corporation, 300 Constitution Drive, Medo Park, California-94025, U.S.A.	A shaped article comprising a polymer.
69.	139647	18-2-1973	Hoechst A. G., Frankfurt/Main, F.R.G.	Preparation of Copolymers of Trioxane.
70.	139658	18-1-1973	Imperial Chemical Industries Limited, Mill Bank, London S. W. 1, England.	Method of making catalyst for synthesis of methanol.

1	2	3	4	5
71.	139701	28-8-1973	Hoechst A. G., Frankfurt/Main 80 F.R.G.	Preparation of 4-chloro Naphthalic acid anhydride.
72.	139715	31-5-1974	American Cyanamid Co., Wayne, New Jersey, U.S.A.	Manufacture of N-alkylated aromatic amine.
73.	139721	9-1-1973	Hoechst A. G., Frankfurt/Main, F.R.G.	Preparation of water soluble reactive dyestuffs.
74.	139722	28-2-1973	Snamprogetti S.p.A., Milan, Italy.	Production of aluminium chlorohydroxides.
75.	139723	13-3-1973	Do.	Production of Propylene oxide.
76.	139732	8-2-1974	Gist-Brocades N. V., 1, Wateringweg, Delft, The Netherlands.	Preparation of azetidine derivatives.
77.	139737	6-2-1973	Elkem Spigerverket A/S, Middle Thunsgate, 27, Oslo, 3, Norway.	Production of silica-rich material and an electric furnace for carrying out the aid method.
78.	139747	8-9-1972	Aluminium Company of America, Aloca Building, Pittsburgh, Pennsylvania, U.S.A.	Apparatus for effecting the desublimation of gaseous aluminium chloride to solid form.
79.	139765	6-6-1973	Shell Internationale Research Maatschappij, B.V., The Hague, the Netherlands.	Separation of soot particles from an aqueous slurry.
80.	139773	4-5-1974	Fernando Chacon Mejias, Plaza, Banuelos 4, Cordoba-Spain.	Preparation of vaccine against cancer and other Pathological process.
81.	139782	8-4-1974	Hindustan Lever Limited, Bombay-20, India.	Dentifrice.
82.	139785	15-10-1975	Union Carbide India Limited, 1, Middleton Street, Calcutta-700 071, West Bengal, India.	Recovery of hexadienol from SSD Oil.
83.	139796	26-2-1973	Ciba-Geigy A. G., Klybeckstrasse 141, Basle, Switzerland.	Productipn of new vat dyestuffs.
84.	139802	28-11-1973	Sandra Rajnikant Shroff, Excel Estate, Swami Vivekanand Road, Goregaon, Bombay, Maharashtra State, India.	Collapsible liquid container.
85.	139805	4-3-1974	Outokumpu OY of Outokumpu, Finland.	An intra uterine contraceptive device.
86.	139810	28-1-1976	Union Carbide India Limited, Calcutta, India.	Manufacture of para-tertiary butyl phenol.
87.	139833	26-9-1974	C.S.I.R., New Delhi, India.	Improvements in or relating to calcium tungstate blue phosphor of different shades.
88.	139834	16-11-1973	F. L. Smidh and Co., A/s 77 Vigerslev Alle, Copenhagen Valby Denmark.	Calcination of pulverous material and a plant for effecting the same.
89.	139841	13-4-1973	Union Carbide Corp., New York, U.S.A.	Extracting metal values from spent hydrodesulfrization catalyst.
90.	139844	26-6-1973	Fierro Esponja S. A., Arenida, Los Angels Al Oriente, Monterrey N. L., Republic of Mexico.	Batchwise gaseous reduction of iron oxides ore to spongy iron.
91.	139867	19-3-1974	Serpco N. V. Industrie Park, 24, 2700 Sint Nicolas, Belgium.	Continuous production of thin polyurethane foam layers.
92.	139896	22-6-1973	Ciba-Geigy A. G., Basle, Switzerland.	Dyeing and Printing of Material and Leather.
93.	139905	6-11-1973	Pfizer Inc., 35, East 442nd Street, New York, State of New York, U.S.A.	Preparation of p-biphenyl esters of 15-substituted 2-pentanor-prostaglandins.

1	2	3	4	5
94.	139915	10-4-1973	Deutsche Texaco A.G., Miltelweg 180 200, Hamburg, 13, West Germany.	Production of Normal Paraffins.
95.	139924	26-6-1973	Snamprogetti S.p.A., 16 Corso, Vanzia, Milan, Italy.	Water desalination apparatus.
96.	139925	10-1-1974	Hoechst A.G., Frankfurt/Main, F.R.G.	Preparation of 4-Bromonaphthalic acid anhydride.
97.	139932	18-1-1974	Pfizer Inc., New York, U.S.A.	Preparation of 6-[(amidino and imido-laminoalkanoylamino) aracylamino]penicillin acid.
98.	139949	17-6-1974	C.S.I.R., New Delhi, India.	Preparing unsymmetrical dimethyl hydrazine (UDMH) by electrolytic reduction of N-Nitrosodimethylamine (NDMA).
99.	139961	23-10-1972	Do.	Extraction of metals from their salt solution by adsorption.
100.	139970	2-1-1976	The Director, All India Institute of Medical Sciences, Ansari Nagar, New Delhi, India.	Composition in form of lotion for preventing acne lesions.
101.	139980	16-9-1974	United Aircraft Corporation, 400, Main Street, East Hartford, Connecticut, U.S.A.	Preparation of fuel cell electrode supported catalytic powder.
102.	139996	1-11-1974	(i) Michiro Inoue, (ii) Masayuki Ishikawa, (iii) Takashi Tsuchiya, (iv) Tako Shimamoto Tokyo, Japan.	Preparation of 1-phthalazone derivatives.
103.	140003	21-11-1973	Snamprogetti S.p.A., Milan, Italy.	Recovering aromatic hydrocarbon.
104.	140029	22-12-1973	Hoechst A.G., Frankfurt, Main, P.R.G.	Preparation of copper phthalocyanin-pigments of the modification.
105.	140031	6-2-1974	Mitsui Toatsu Chemicals Inc., 2-5, Kasunagaseki, 3-Chome, Chiyoda-Ku, Tokyo, Japan.	Recovering unreacted ammonium carbonate in urea synthesis.
106.	140034	1-6-1974	C.S.I.R., New Delhi, India.	Pepsin from buffalo and goat stomach.
107.	140050	29-8-1973	USS Engineers and Consultants Inc., 600, Grant Street, Pittsburgh, Pennsylvania, U.S.A.	Improved O <sub>2</sub> hop vessel construction.
108.	140052	4-5-1974	Crawford Brown Morton, 1906, Brushcliffe Road, Pittsburgh, Pennsylvania, 15221, U.S.A.	Refining iron-base metals.
109.	140067	21-6-1973	Phillips Petroleum Co., Oklahoma, U.S.A.	Production of carbon black.
110.	140099	13-11-1973	Hoechst A.G., Frankfurt/Main, F.R.G.	Manufacture of naphthalene monosulfone acid.
111.	140130	7-4-1973	Ciba-Geigy A.G., Basle, Switzerland.	Production of non-dusty, dimensionally stable dye-stuffs granulate.
112.	140136	13-8-1974	C.S.I.R., New Delhi, India.	Trypsin from buffalo and goat pancreas.
113.	140137	3-9-1974	Do.	Synthesis of ethers derived from substituted 3-nitro-4' hydroxy benzalides.
114.	140155	26-4-1973	Universal Oil Products Inc., Tenvop Plaza Algonquin and Mt. Prospect Road, Des Plaines, Illinois, U.S.A.	Multiple stage production of low sulphur fuel oil.
115.	140156	27-4-1973	Ciba-Geigy A.G., 14, Klybeckstrasse, Basle, Switzerland.	Non-dusty dimensionally stable dispersion dyestuff granulate of any desired shape and size.
116.	140165	22-11-1974	John Wyeth and Brother Limited, Barkshire, England.	Preparation of Pyridine derivatives.

1	2	3	4	5
117.	140167	8-10-1974	Ceskoslovenska Akademie Ved., 3, Naro-dni-Prague-1, Czechoslovakia.	Manufacture of Novel analogues of deamino-vasopressin with a modified disulphide bridge.
118.	140168	30-4-1975	The Director, All India Institute of Medical Sciences, New Delhi, India.	Vaccine for prevention of pregnancy.
119.	140172	31-12-1974	C.S.I.R., New Delhi, India.	Electroforming of Nickel foils.
120.	140178	17-10-1973	Polysar Limited, Sarnia, Ontario, Canada.	Vulcanization of Chlorobutyl and bromobutyle.
121.	140179	13-11-1973	Hoechst A. G., Frankfurt/Main, F.R.G.	Continuous process for copper phthalocyanin.
122.	140188	9-11-1973	Vikram Sarabhai Space Centre, ISRO, Post Trivandrum-695 002, Kerala State, India.	Preparation of novel condensation products of trihydroxy benzene and acetones.
123.	140212	27-12-1972	Union Carbide Corporation, New York, U.S.A.	Refining molten aluminium.
124.	140220	13-8-1973	C.S.I.R. New Delhi, India.	Fabrication of solid foil type aluminium electrolytic capacitors.
125.	140223	21-12-1973	Snamprogetti S.p.A., Milan, Italy.	Preparing Dimethyl ether.
126.	140228	5-11-1974	Ayorst, McKenna and Harrison Limited, 1025, Laurentian Boulevard, St. Laurent, Quebec, Canada.	Preparation of Stomatostatin.
127.	140236	19-3-1975	Pfizer Inc., New York, U.S.A.	Conducting Saccharide Polycondensation.
128.	130240	11-1-1974	Snamprogetti S.p.A., Milan, Italy.	Recovering isoprene from a mixture of isoprene and other hydrocarbon.
129.	140244	10-12-1973	Elkem Spigerverket A/s, Middle Thunsgate, 27, Oslo-3, Norway.	Production of $AlF_3$ containing additive.
130.	140246	12-3-1974	Shell Internationale Research Maatalachap-pij, B. V., The Hague, The Netherlands.	Preparation of hydrogen-rich gas.
131.	140248	12-6-1974	Chief Controller R & D, Ministry of Defence, Govt. of India, New Delhi, India.	Preparation of low temperature plastic explosives.
132.	140249	13-9-1974	Gottfried Mehner, Messelstrasse 25, D-1000 Berlin 33, West Germany.	Two stage moulding process for the production of hollow moulding from thermoplastic material.
133.	140263	22-3-1974	Institut de Francais Du Petrole, Des Carburants ET Lubrifiants 1 et 4, Avenue de Bois Proau, 92502, Rueil Malmaison, France.	Manufacture of New 2, 4-quiazoline dione polyamide ester resins.
134.	140266	1-11-1974	Fierro Esproja SA, Avenida, Los Angeles, Al Oriente, Monterrey, N. L., Republic of Mexico.	Method for gaseous reduction of metal ores.
135.	140294	20-6-1973	General Electric Co., 1 River Road, Schenectady, New York, U.S.A.	Preparation of cross linked thermoplastic polymers.
136.	140296	16-1-1974	Hoechst A. G., Frankfurt, F.R.G.	Process for after treatment of an azo-pigment.
137.	140305	24-1-1973	Do.	Preparation of azo pigment.
138.	140306	24-1-1973	Do.	Preparation of new N-(aminobenzoyl) aminoaryl sulphonic acid.
139.	140310	13-9-1973	C.S.I.R., Rafi Marg, New Delhi, India.	Manufacturing Sodium hydrosulphide.
140.	140315	17-10-1974	Crawford Brown Murton, 1906 Brush-liffe Road, Pittsburgh, Pennsylvania-15221, U.S.A.	Refining pig-iron into steel.

1	2	3	4	5
141.	140318	10-11-1975	The Dow Chemical Co., Midland, Country of Midland, State of Michigan, U.S.A.	Preparation of 3:6 dichloropicolinic acid.
142.	140319	04-04-1975	Refratechnik Albert GmbH, Rudolf-winkelstrasse 1, 34, Gottingen, F.R.G.	Preparation of low carbon white husk ash.
143.	140334	25-04-1973	Albright and Wilson Limited, P. O. Box-3, Oldbury, Warley, Wors, England.	Purifying crude wet process phosphoric acid obtained from contact of sulphuric acid and phosphate rock.
144.	140337	29-08-1973	Southwest Research Institute, 8500 Culebra Road, San Antonio, Texas 78284, U.S.A.	Preparing sulphur coating composition.
145.	140364	26-07-1973	The Regents of the University of California, 2200 University Avenue, Berkley, California, U. S. A.	Rubber Elastomeric and Plastomeric material containing amorphous carbonaceous Silica.
146.	14066	22-01-1974	Hoechst A.G., 6230 Frankfurt/Main-80, F.R.D.	Vinyl chloride by thermal cracking of 1,2-Dichloroethane.

**PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

*No. and Title of the invention*

- 138985 (2-4-73) Process for preparing siliceous composition from organic plant material.
- 139015 (28-5-74) Process for the preparation of oxoamide.
- 139016 (28-5-74) Process for preparing an edible substance derived from soya.
- 139018 (1-3-73) A process for the production of 4-nitroso-diphenylamine.
- 139022 (28-6-73) Method for the preparation of pure lactam from its primary solution in an organic solvent.
- 139028 (11-12-74) A process for preparing an enriched food-stuff.
- 139036 (13-9-73) Method of obtaining 1-phenyl-2-(1', 1'-diphenyl propyl)-(3')-amino propane in the form of sulfate.
- 139125 (23-4-74) Process for preparing heat resistant and fire proof synthetic resin material containing inorganic substances.
- 139136 (26-9-75) A method for isolation of diosgenin from plant material such as weeds of genera kallstroemia and tribunals plant.
- 139212 (19-9-74) Process for the production of synthetic gas.
- 139247 (29-5-73) Method of producing aromatic hydrocarbon.
- 139300 (21-11-72) A method of preparing silica gel.

**RENEWAL FEES PAID**

98336 98392 98411 98434 98435 98436 98740 98905 98962  
 98981 99118 99171 99280 99706 99779 103360 104219  
 104226 104295 104296 104382 104701 104705 104765 104838  
 105004 105045 105047 105048 105075 105771 109619 109646  
 109741 109946 109947 109959 110031 110137 110143 110233  
 110264 110337 110403 110430 110497 110579 114856 114926  
 114962 114977 114978 115055 115141 115209 115250 115256  
 115394 115423 115531 115553 115566 115927 116891 117541  
 120240 120247 120270 120288 120291 120312 120336 120352  
 120459 120506 120538 120549 120618 120658 120696 120820  
 120846 120926 120979 121046 121132 121239 121527 121616

125282 125574 125597 125655 125686 125724 125840  
 125841 125974 125979 125991 126107 126267 126299 126434  
 130438 130530 130531 130573 130719 130800 130801 130853  
 130948 131001 131037 131103 131146 131183 131434 131665  
 131764 131773 134137 134138 134385 134386 134451 134846  
 134860 134885 134892 134931 135043 135044 135132 135195  
 135231 135293 135315 135328 135646 135980 136030 136050  
 136239 136480 136553 136763 136798 137586 137726 138068  
 138117 138281 138306 138307 138678 138838 138853 139156  
 139681 139682 139692 139695 139739 139767 139831 139846  
 139860 140386 140696 140801 140927 140971 140975 141087  
 141148 141228 141325 141473 141500 141547 141694 141846  
 141990 142022 142112 142277 142365 142366 142772 142864  
 142912 142945 143102 143274 143459 143460 143481 143559  
 143593 143606 143881 143896 143900 143933 143935 143960  
 144042 144047 144137 144142 144169 144200 144243 144330  
 144439 144499 144522 144643 144855 144885 144887 144899  
 144900 144906 144909 144910 144911 144913 144923 144966  
 144967 144968 144969 144970 144971 145028 145043 145242  
 145253 145280 145414 145614 145715 145824 145841 145860  
 145888 145892 145895 146011 146034 146078 146104 146105  
 146144 146194 146217 146241 146274 146284 146304 146433

**CESSATION OF PATENTS**

119277 119306 119340 119362 119391 119404 119405 119406  
 119466 119474 119516 119524 119540 119545 119589 119611  
 119655 119743 119746 119769 119774 119808 119822 119826  
 119857 119859 119875 119876 119919 119934 119979 119985  
 120001 120004 120009 120058 120095 120147 120186 120206  
 120233 120306 120308 120314 120392 120447 120448 120449  
 120530 120565 120567 120609 120677 120699 120707 120716  
 120751 120801 120808 120830 120956 121006 121011 121013  
 121045 121068 121147 121149 121166 121172 121228 127227

**RESTORATION PROCEEDINGS**

Notice is hereby given that an application for restoration of Patent No. 132577 dated the 19th August, 1971 made by Brogs Fabriks Aktiebolaget on the 14th June, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 22nd September, 1979 has been allowed and the said patent restored.

**RESTORATION PROCEEDINGS**

Notice is hereby given that an application for restoration of Patent No. 105954 dated the 28th June, 1966 made by A. Forts on the 12th June, 1979 and notified in the Gazette of India, Part-III, Section-2 dated the 22nd September 1979 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 148423. Inder Paul Arora trading as Romex Auto Industries of 308/6D, Shahzada Bagh, Old Rohtak Road, Delhi-110035, an Indian National. "Auto Mirror Frame". May 7, 1979.

Class 1. No. 148493. Wajidsons Exports, Wajid House, Prince Road Moradabad, Uttar Pradesh, an Indian Partnership Firm. "Container". June 1, 1979.

Class 1. No. 148505. Mohamad Nasim, an Indian National, D-13/103, Mohalla Pheel Khana, Moradabad, Uttar Pradesh, India. "Hukka". June 11, 1979.

Class 1. No. 148506. Abdulla, an Indian National, D-20-52/2, Mohalla Kirsol, Kucha Darzian, Moradabad, Uttar Pradesh, India. "Hukka". June 11, 1979.

Class 1. No. 148513. Marlex Auto Corporation, WZ-554 Naraina Village, New Delhi, Union Territory of India, India, a partnership concern. "Tower Bolt". June 12, 1979.

Class 1. No. 148541. Empire Machine Tools, 163, East Mohan Nagar, Amritsar (Punjab), partnership firm. "Paper varnishing-cum-gumming machine". June 20, 1979.

Class 1. No. 148551. M/s. Simplex Enterprises, 176, Jhandewalan Market-I, New Delhi-110055, an Indian National. "Pen Stand". June 21, 1979.

Class 1. No. 148577. Indian Art Industries, Bazar Mufti, Moradabad-244001, a partnership firm. "Gargara (Pipe for Hukka)". June 26, 1979.

Class 3. No. 148374. Om Prakash & Sons, 1421-53/9, Gate Hakkiman, Amritsar-143001, Punjab, an Indian partnership Concern. "Pen". April 24, 1979.

Class 3. No. 148389. Astra Pharmaceuticals Pvt. Ltd., Post Box No. 7, Kot Kapura, Punjab. "Infusion Kit". April 28, 1979.

Class 3. No. 148504. Messrs Neo Plast, an Indian Partnership Concern, 10/60-B, Industrial Area, Kirti Nagar, New Delhi-110015, "Bottle Cap". June 3, 1979.

Class 3. No. 148508. Dilip Karsandas Kapadia, an Indian of Room No. 25/28, 3rd floor, 12/14, Old Hanuman 1st Cross Lane, Bombay-400002, Maharashtra, India. "Dash Board". June 12, 1979.

Class 3. No. 148550. M/s. Simplex Enterprises, 176, Jhandewalan Market-I, New Delhi-110055, an Indian National. "Paper Weight". June 21, 1979.

Class 3. No. 148566. Krishnalal Narandas Mehta Karta of H.U.F. of Vaidya Navnitrai Jarjivandas Mehta, trading as Kathiyawadi Balamrut Sogathi Depot, at Ambachowk, Bhavnagar-364001 (Gujarat State), India, an Indian Concern. "Containers". June 25, 1979.

Class 3. No. 148574. Auto Meters Ltd. A limited company, 158-Cycle Market, Jhandewalan, New Delhi-110055 (an Indian National). "Modullar". June 26, 1979.

Class 3. No. 148592. Mail Order Sales Private Limited. Mehta Mahal, 10th floor, 15, Mathew Road, Bombay-400004, Maharashtra State, Indian Company. "Connect 4 game board". June 30, 1979.

Class 3. No. 148598. Kaka Plastic Works, 8933, Naya Mohalla, Pulbangash, Delhi-110006, an Indian Partnership Concern. "Pen Stand". July 5, 1979.

Class 3. No. 148599. Kaka Plastic Works, 8933, Naya Mohalla, Pulbangash, Delhi-110006, an Indian Partnership Concern. "Slip rack pen stand with calender". July 5, 1979.

Class 4. No. 148576. Valley Sales Corporation. Railway Road, Hapur, District Ghaziabad, Uttar Pradesh, a partnership firm. "Ink Pot". June 26, 1979.

S. VEDARAMAN  
Controller General of Patents, Designs  
and Trade Marks.

